



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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June 3, 1998

TO: Minerals File

FROM: Tom Munson, Reclamation Hydrologist

RE: Site Inspection, North Lily Mining Company, North Lily-Tintic Project,
M/023/007, Juab County, Utah

Date of Inspection: 5/21/98

Time of Inspection: 9:00 AM - 2:00 PM

Conditions: Clear and Sunny

Participants: Paul Spor, North Lilly Representative; Tom Munson, and Lynn Kunzler,
DOGM

Purpose of Inspection: To inspect dumps for reclamation release and also heap leach
operation

North Star Dump - This dump can be released.

Mammoth Dump - This dump can be released.

Centennial-Eureka Dump - This dump can be released.

Eagle Dump - This dump can be released.

Mayday Dump - This dump can be released.

Yankee Dump - This dump can be released.

General Notes:

All the dumps experienced spotty areas of revegetation success depending on amounts of fine material on the dumps and their water retention capacity. It is apparent that if we were to recommend a different reclamation method, it would be to use an organic amendment like manure instead of straw mulch. At the time of reclamation this was unknown by the operator, considering

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the fact that these dumps did not have any vegetation growing on them to begin with and were not contoured like they are now.

It is felt that the overall success of the project has been good given that some of the dumps are doing very well vegetatively and all have been contoured to blend more into the existing topography.

Heap Leach Water Application Areas:

The two areas West and South of the heap leach which have experienced a die off of vegetation, from watering with the heap drain water, will have to be disced and reseeded due to salt contamination. This should be accomplished this fall.

Heap Leach Pad:

The reclamation of the pad will require ripping of the existing material to a depth of 24 inches, application of existing remaining topsoil, ripping again to bind the two materials together, then seeding. The reclamation should take place in the fall.

jb
cc: Paul Spor, Tintic Utah Metals
Gene Webb, North Lilly Mining Company
M023007.mem